

CENTRAL INTELLIGENCE AGENCY

REPORT

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SUBJECT Means of Decontamination in Local Soviet MPVO
Organizations

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The means of decontamination in Soviet MPVO* organizations are the same as in the armed forces, namely:

a. Chloride of lime (Khlor'naya izvest'): Used in powder form for districts contaminated with persistent poisonous substances (SOV ~ Stoikiye ostra-vlyayushchiye veshchestva); 400 grams of powder are required for decontaminating one square meter. The powder is packed in wooden barrels containing 35 and 50 kilograms. The powder is protected by a tar-oiled paper wrapping in the barrel.

1.) For distributing the powder, the following are used:

- (a.) Mobile decontamination devices VDP (Vozimnye degazatsionnye pribori)
- (b.) Horse-drawn decontamination vehicles ADP (konniye degazatsionnye povozki)
- (c.) Motorized decontamination apparatus ADM (Avto-degazatsionnaya mashina)

2.) The characteristics of the ~~ADM-ZIS-6~~ are:

- (a.) Loading capacity up to 1900 kilograms of powder.
- (b.) Travelling speed when distributing the powder is 10 km per hour.
- (c.) The powder when distributed covers a strip five to six meters wide.
- (d.) 400 grams of powder are used for one square meter.

b. Calcium hypochlorite (Gipokhlorit kaltsiya): Used in liquid form for decontamination of persistent poisonous substances; 0.8 liter is used for decontaminating one square meter. The decontaminating liquid is prepared by mixing two liters of powdered calcium hypochlorite with three liters of water. The powder is received in iron barrels containing 100 liters.

1.) For spraying this liquid, the following are used:

- (a.) Pack decontamination devices RDP (Rantseviye degazatsionniye pribory)
- (b.) Horse-drawn decontamination tanks.
- (c.) Motorized decontamination tanks.

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- 2.) The RDP is a device similar to those used by gardeners for spraying fruit trees. Its characteristics are: weight when empty is seven kg., and the capacity is 12 liters.
- 3.) The motorized decontamination tank ZIS-5 (Avtosisterna dlya degazatsii ZIS-5) has the following characteristics: a.) Capacity of the tank is 100 liters. b.) Pressure inside the tank is four atmospheres. c.) In the rear of the tank is a spraying device which sprays a strip five meters wide, using 0.8 to 1.0 liter of liquid per square meter.
- c. Sulfuryl chloride (Khloristi sulfuril): Used in liquid form for decontamination of persistent poisonous substances; one liter is used for decontaminating one square meter. This liquid is supplied in a ready form in barrels containing 100 liters. For spraying this liquid, the following are used: Pack decontamination devices RDP, horse-drawn decontamination tanks, and motorized decontamination tanks.

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* Comment: MFVC - local anti-aircraft defense, the Soviet equivalent of Civil Defense.

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